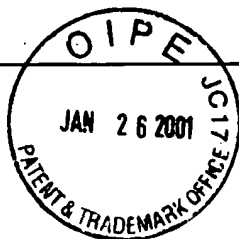


Form PTO-1449 U.S. Department of Commerce
(Rev. 8-88) Patent and Trademark Office

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)



Attorney Docket No.
1508.63544

Serial No. 09/484,911

Applicant: Hagiwara et al.

Filing Date: 1/24/01

Group No. 2771

2172

U.S. PATENT DOCUMENTS

Examiner initial*	Document No.	Date	Name	Class	Subclass	Filing Date
JPF	5 7 5 2 0 1 6	May 12, 1998	Whittaker et al.	395-707	600-3	Apr. 25, 1995

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation	
						Yes	No
JPF	9 1 1 2 5 8 0	Aug. 22, 1991	WIPO	—	—	YES	
ll	9 7 0 6 4 9 2	Feb. 20, 1997	WIPO	—	—	YES	
ll	0 6 2 7 6 9 1	Dec. 07, 1994	Europe	—	—	YES	
ll	0 6 2 7 6 9 2	Dec. 07, 1994	Europe	—	—	YES	
ll	2 3 1 4 1 7 8	Dec. 17, 1997	Great Britain	—	—	YES	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JPF	Computer Record Accession No. 01210004 & PC Magazine, v6, n9, page 263, 12.05.1987

Examiner

Date Considered

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED

JAN 30 2001

Technology Center 2100